

# Elaine R Cohen

## List of Publications by Year in descending order

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78  
papers

4,201  
citations

136740

32  
h-index

110170

64  
g-index

78  
all docs

78  
docs citations

78  
times ranked

2757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Simulation-Based Education to Reduce Catheter-Related Bloodstream Infections. Archives of Internal Medicine, 2009, 169, 1420.	4.3	461
2	Use of simulation-based mastery learning to improve the quality of central venous catheter placement in a medical intensive care unit. Journal of Hospital Medicine, 2009, 4, 397-403.	0.7	349
3	Cost Savings From Reduced Catheter-Related Bloodstream Infection After Simulation-Based Education for Residents in a Medical Intensive Care Unit. Simulation in Healthcare, 2010, 5, 98-102.	0.7	311
4	Simulation-based mastery learning reduces complications during central venous catheter insertion in a medical intensive care unit. Critical Care Medicine, 2009, 37, 2697-701.	0.4	285
5	Long-Term Retention of Central Venous Catheter Insertion Skills After Simulation-Based Mastery Learning. Academic Medicine, 2010, 85, S9-S12.	0.8	188
6	Are United States Medical Licensing Exam Step 1 and 2 Scores Valid Measures for Postgraduate Medical Residency Selection Decisions?. Academic Medicine, 2011, 86, 48-52.	0.8	174
7	Making July Safer. Academic Medicine, 2013, 88, 233-239.	0.8	152
8	Medical Education Featuring Mastery Learning With Deliberate Practice Can Lead to Better Health for Individuals and Populations. Academic Medicine, 2011, 86, e8-e9.	0.8	150
9	Dissemination of a simulation-based mastery learning intervention reduces central line-associated bloodstream infections. BMJ Quality and Safety, 2014, 23, 749-756.	1.8	149
10	Mastery Learning of Temporary Hemodialysis Catheter Insertion by Nephrology Fellows Using Simulation Technology and Deliberate Practice. American Journal of Kidney Diseases, 2009, 54, 70-76.	2.1	133
11	Simulation-Based Education with Mastery Learning Improves Paracentesis Skills. Journal of Graduate Medical Education, 2012, 4, 23-27.	0.6	121
12	Simulation-based Mastery Learning Improves Cardiac Auscultation Skills in Medical Students. Journal of General Internal Medicine, 2010, 25, 780-785.	1.3	113
13	Residents' Procedural Experience Does Not Ensure Competence: A Research Synthesis. Journal of Graduate Medical Education, 2017, 9, 201-208.	0.6	92
14	Simulation-Based Mastery Learning for Thoracentesis Skills Improves Patient Outcomes: A Randomized Trial. Academic Medicine, 2018, 93, 729-735.	0.8	91
15	Improving Residents' Code Status Discussion Skills: A Randomized Trial. Journal of Palliative Medicine, 2012, 15, 768-774.	0.6	88
16	Translational Educational Research. Chest, 2012, 142, 1097-1103.	0.4	77
17	Clinical Outcomes after Bedside and Interventional Radiology Paracentesis Procedures. American Journal of Medicine, 2013, 126, 349-356.	0.6	77
18	Clinical Performance and Skill Retention after Simulation-based Education for Nephrology Fellows. Seminars in Dialysis, 2012, 25, 470-473.	0.7	72

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19	Idle time: an underdeveloped performance metric for assessing surgical skill. American Journal of Surgery, 2015, 209, 645-651.	0.9	59
20	Attending Physician Adherence to a 29-Component Central Venous Catheter Bundle Checklist During Simulated Procedures*. Critical Care Medicine, 2016, 44, 1871-1881.	0.4	59
21	Simulation-Based Mastery Learning Improves Central Line Maintenance Skills of ICU Nurses. Journal of Nursing Administration, 2015, 45, 511-517.	0.7	57
22	Unexpected Collateral Effects of Simulation-Based Medical Education. Academic Medicine, 2011, 86, 1513-1517.	0.8	54
23	Meta-analysis: Multidisciplinary fall prevention strategies in the acute care inpatient population. Journal of Hospital Medicine, 2012, 7, 497-503.	0.7	53
24	Retention of Critical Care Skills After Simulation-Based Mastery Learning. Journal of Graduate Medical Education, 2013, 5, 458-463.	0.6	50
25	Developing a Simulation-Based Mastery Learning Curriculum. Simulation in Healthcare, 2016, 11, 52-59.	0.7	49
26	Cost Savings of Performing Paracentesis Procedures at the Bedside After Simulation-based Education. Simulation in Healthcare, 2014, 9, 312-318.	0.7	48
27	Progress Toward Improving Medical School Graduates' Skills via a "Boot Camp" Curriculum. Simulation in Healthcare, 2014, 9, 33-39.	0.7	47
28	Progress Toward Improving the Quality of Cardiac Arrest Medical Team Responses at an Academic Teaching Hospital. Journal of Graduate Medical Education, 2011, 3, 211-216.	0.6	41
29	Performance of Temporary Hemodialysis Catheter Insertion by Nephrology Fellows and Attending Nephrologists. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1767-1772.	2.2	40
30	Use of decision-based simulations to assess resident readiness for operative independence. American Journal of Surgery, 2015, 209, 132-139.	0.9	39
31	A Comparison of Approaches for Mastery Learning Standard Setting. Academic Medicine, 2018, 93, 1079-1084.	0.8	35
32	Development of a Simulation-Based Mastery Learning Curriculum for Breaking Bad News. Journal of Pain and Symptom Management, 2019, 57, 682-687.	0.6	35
33	Code Status Discussion Skill Retention in Internal Medicine Residents: One-Year Follow-Up. Journal of Palliative Medicine, 2012, 15, 1325-1328.	0.6	33
34	Recommendations for Reporting Mastery Education Research in Medicine (ReMERM). Academic Medicine, 2015, 90, 1509-1514.	0.8	30
35	Raising the Bar: Reassessing Standards for Procedural Competence. Teaching and Learning in Medicine, 2013, 25, 6-9.	1.3	28
36	Targeting clinical outcomes: Endovascular simulation improves diagnostic coronary angiography skills. Catheterization and Cardiovascular Interventions, 2016, 87, 383-388.	0.7	28

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37	Dissemination of an Innovative Mastery Learning Curriculum Grounded in Implementation Science Principles. <i>Academic Medicine</i> , 2015, 90, 1487-1494.	0.8	26
38	The effect of simulation-based mastery learning on thoracentesis referral patterns. <i>Journal of Hospital Medicine</i> , 2016, 11, 792-795.	0.7	23
39	A Diuretic Protocol Increases Volume Removal and Reduces Readmissions Among Hospitalized Patients With Acute Decompensated Heart Failure. <i>Congestive Heart Failure</i> , 2013, 19, 53-60.	2.0	21
40	Simulation-Based Mastery Learning Improves Patient and Caregiver Ventricular Assist Device Self-Care Skills. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, e005794.	0.9	21
41	Setting Defensible Standards for Cardiac Auscultation Skills in Medical Students. <i>Academic Medicine</i> , 2009, 84, S94-S96.	0.8	20
42	Promoting Readiness for Residency: Embedding Simulation-Based Mastery Learning for Breaking Bad News Into the Medicine Subinternship. <i>Academic Medicine</i> , 2020, 95, 1050-1056.	0.8	20
43	Simulation-based education leads to decreased use of fluoroscopy in diagnostic coronary angiography. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 1054-1059.	0.7	19
44	Development and evaluation of a simulation-based continuing medical education course: beyond lectures and credit hours. <i>American Journal of Surgery</i> , 2015, 210, 603-609.	0.9	15
45	A Mastery Learning Capstone Course to Teach and Assess Components of Three Entrustable Professional Activities to Graduating Medical Students. <i>Teaching and Learning in Medicine</i> , 2019, 31, 186-194.	1.3	15
46	Are USMLE Scores Valid Measures for Chief Resident Selection?. <i>Journal of Graduate Medical Education</i> , 2020, 12, 441-446.	0.6	15
47	Impact of Simulation-based Mastery Learning on Resident Skill Managing Mechanical Ventilators. <i>ATS Scholar</i> , 2021, 2, 34-48.	0.5	15
48	Use of a simulation-based mastery learning curriculum for neurology residents to improve the identification and management of status epilepticus. <i>Epilepsy and Behavior</i> , 2020, 111, 107247.	0.9	11
49	Internal Medicine Postgraduate Training and Assessment of Patient Handoff Skills. <i>Journal of Graduate Medical Education</i> , 2013, 5, 394-398.	0.6	10
50	Simulation-Based Assessments and Graduating Neurology Residents' Milestones: Status Epilepticus Milestones. <i>Journal of Graduate Medical Education</i> , 2021, 13, 223-230.	0.6	9
51	The Effect of Judge Selection on Standard Setting Using the Mastery Angoff Method during Development of a Ventricular Assist Device Self-Care Curriculum. <i>Clinical Simulation in Nursing</i> , 2019, 27, 39-47.e4.	1.5	8
52	Barriers and Facilitators to Central Venous Catheter Insertion: A Qualitative Study. <i>Journal of Patient Safety</i> , 2021, 17, e1296-e1306.	0.7	7
53	Ventricular Assist Device Driveline Dressing-Change Protocols: A Need for Standardization. A Report from the SimVAD Investigators. <i>Journal of Cardiac Failure</i> , 2019, 25, 695-697.	0.7	7
54	Use of error management theory to quantify and characterize residents' error recovery strategies. <i>American Journal of Surgery</i> , 2020, 219, 214-220.	0.9	7

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55	Improving cardiology fellow education of right heart catheterization using a simulation based curriculum. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 503-508.	0.7	6
56	Mortality, critical illness, and mechanical ventilation among hospitalized patients with COVID-19 on therapeutic anticoagulants. <i>Thrombosis Update</i> , 2021, 2, 100027.	0.4	6
57	Psychometric Validation of Central Venous Catheter Insertion Mastery Learning Checklist Data and Decisions. <i>Simulation in Healthcare</i> , 2021, 16, 378-385.	0.7	6
58	A comparative assessment and gap analysis of commonly used team rating scales. <i>Journal of Surgical Research</i> , 2014, 190, 445-450.	0.8	5
59	Do errors and critical events relate to hernia repair outcomes?. <i>American Journal of Surgery</i> , 2017, 213, 652-655.	0.9	5
60	Patient, Caregiver, and Clinician Perceptions of Ventricular Assist Device Self-care Education Inform the Development of a Simulation-based Mastery Learning Curriculum. <i>Journal of Cardiovascular Nursing</i> , 2020, 35, 54-65.	0.6	5
61	Error tolerance: an evaluation of residents' repeated motor coordination errors. <i>American Journal of Surgery</i> , 2016, 212, 609-614.	0.9	4
62	Sensor-based assessment of cast placement and removal. <i>Studies in Health Technology and Informatics</i> , 2014, 196, 259-61.	0.2	4
63	Multimodality approach to classifying hand utilization for the clinical breast examination. <i>Studies in Health Technology and Informatics</i> , 2014, 196, 238-44.	0.2	4
64	Simulation-based training improves polypectomy skills among practicing endoscopists. <i>Endoscopy International Open</i> , 2021, 09, E1633-E1639.	0.9	4
65	Vascular Ultrasonography: A Novel Method to Reduce Paracentesis Related Major Bleeding. <i>Journal of Hospital Medicine</i> , 2018, 13, 30-33.	0.7	3
66	Effectiveness of a simulation-based mastery learning to train clinicians on a novel cricothyrotomy procedure at an academic medical centre during a pandemic: a quasi-experimental cohort study. <i>BMJ Open</i> , 2021, 11, e054746.	0.8	3
67	Development and evaluation of a simulation-based mastery learning maintenance of certification course. <i>Gerontology and Geriatrics Education</i> , 2022, 43, 397-406.	0.6	2
68	Short-Term Retention of Patient and Caregiver Ventricular Assist Device Self-Care Skills After Simulation-Based Mastery Learning. <i>Clinical Simulation in Nursing</i> , 2021, 53, 1-9.	1.5	2
69	Clinical Experience Is Not a Proxy for Competence: Comparing Fellow and Medical Student Performance in a Breaking Bad News Simulation-Based Mastery Learning Curriculum. <i>American Journal of Hospice and Palliative Medicine</i> , 2023, 40, 423-430.	0.8	2
70	Simulation Based Mastery Learning of Transesophageal Echocardiography. <i>Pediatric Cardiology</i> , 2023, 44, 572-578.	0.6	2
71	The Role of USMLE Scores in Selecting Residents. <i>Academic Medicine</i> , 2011, 86, 794.	0.8	1
72	In Reply to Udani et al. <i>Academic Medicine</i> , 2016, 91, 752-753.	0.8	0

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73	In Reply to Kendall and Castro-Alves. <i>Academic Medicine</i> , 2018, 93, 1420-1421.	0.8	0
74	A mastery learning approach to education about fall risk and gait assessment. <i>Gerontology and Geriatrics Education</i> , 2019, , 1-8.	0.6	0
75	Simulation-Based Mastery Learning Improves Ventricular Assist Device Self-Care Skills. <i>Journal of Cardiac Failure</i> , 2019, 25, S102.	0.7	0
76	127 SIMULATION BASED MASTERY LEARNING IMPROVES POLYPECTOMY COMPETENCY AMONG EXPERIENCED ENDOSCOPISTS. <i>Gastrointestinal Endoscopy</i> , 2019, 89, AB53-AB54.	0.5	0
77	Letter to the Editor in Response to: Early Skill Decay After Paracentesis Training. <i>Journal of General Internal Medicine</i> , 2021, 36, 1794-1794.	1.3	0
78	SIMULATION BASED MASTERY LEARNING IMPROVES POLYPECTOMY COMPETENCY AMONG EXPERIENCED ENDOSCOPISTS. <i>Gastrointestinal Endoscopy</i> , 2022, 95, AB56-AB57.	0.5	0